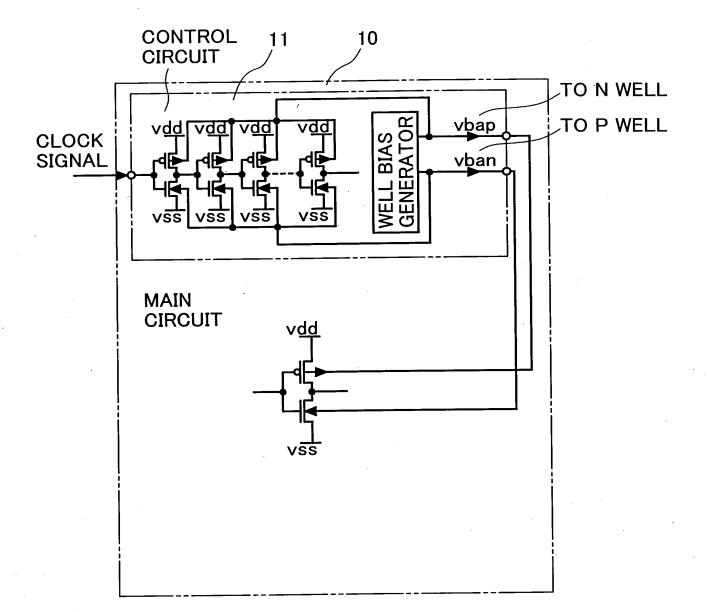
FIG.1





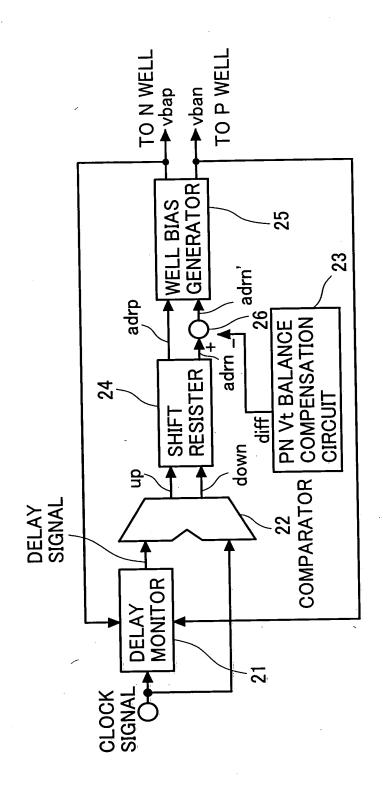


FIG.3

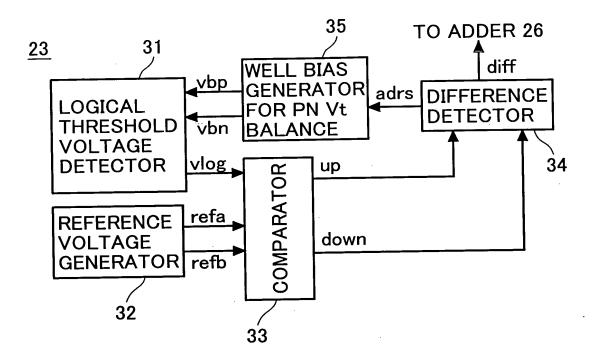
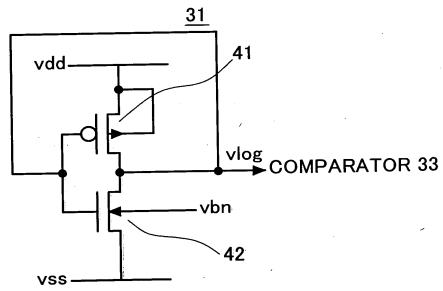


FIG.4



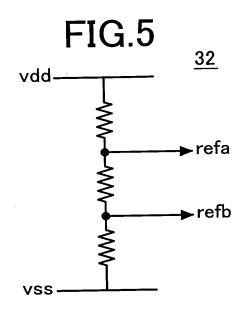


FIG.6

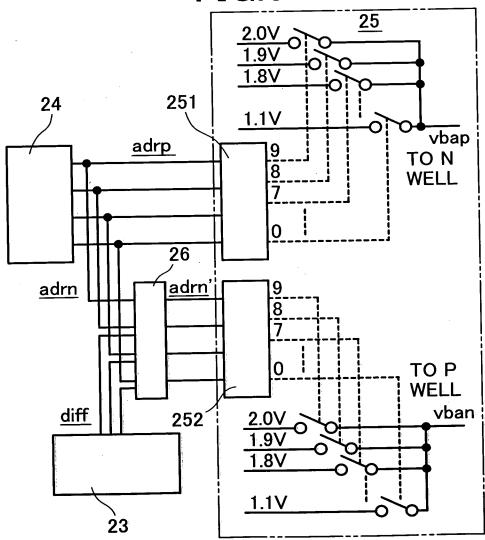


FIG.7

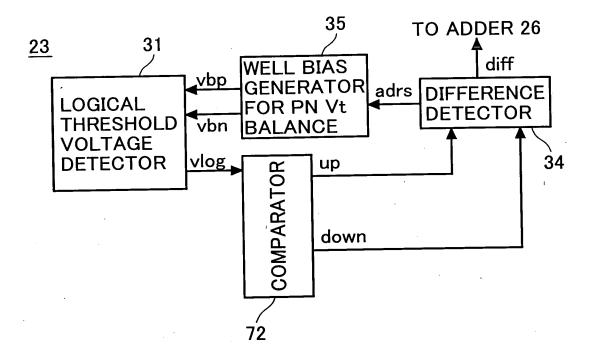


FIG.8

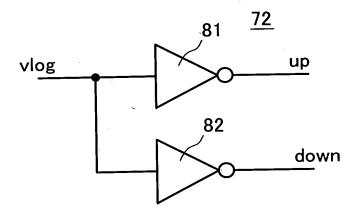
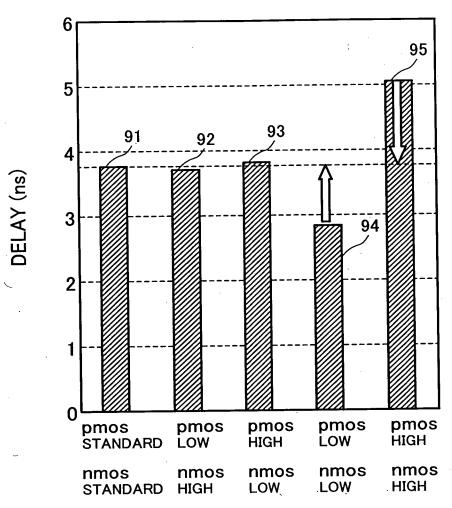
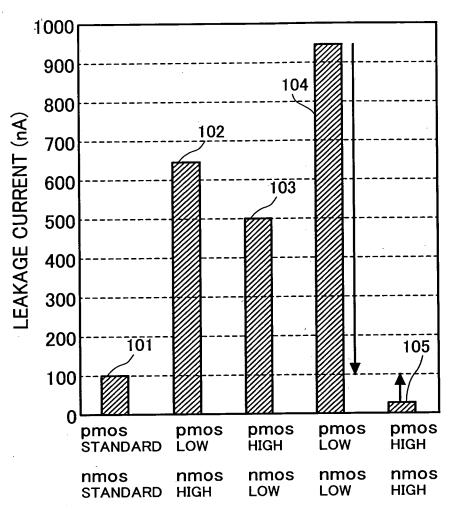


FIG.9



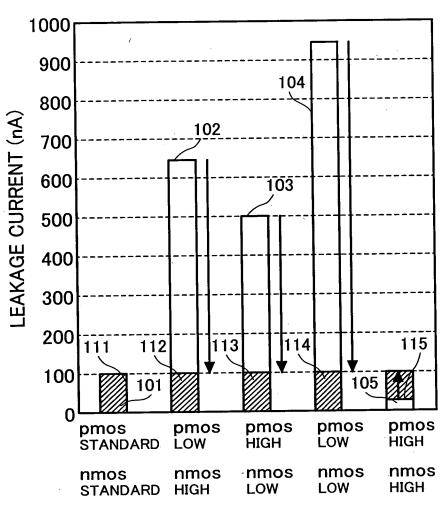
DEVICE THRESHOLD VOLTAGE VARIATION

FIG.10



DEVICE THRESHOLD VOLTAGE VARIATION

FIG.11



DEVICE THRESHOLD VOLTAGE VARIATION



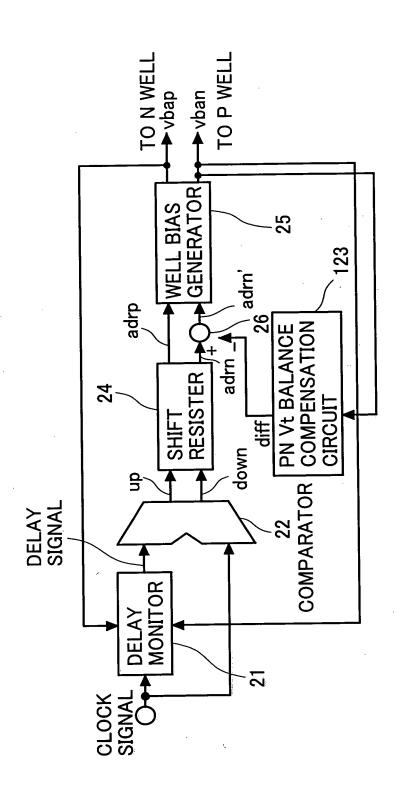


FIG.13

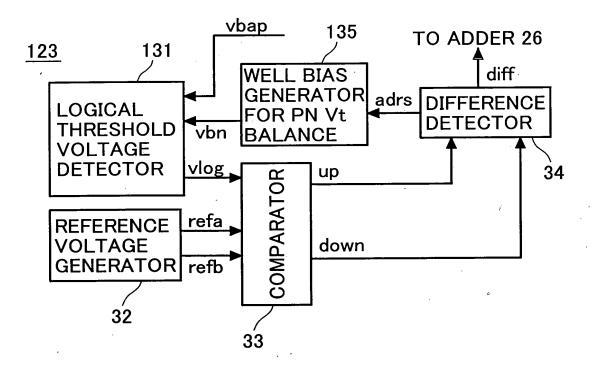
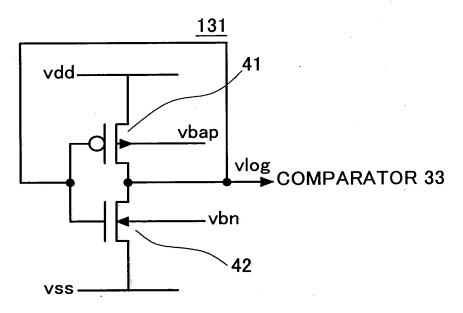


FIG.14





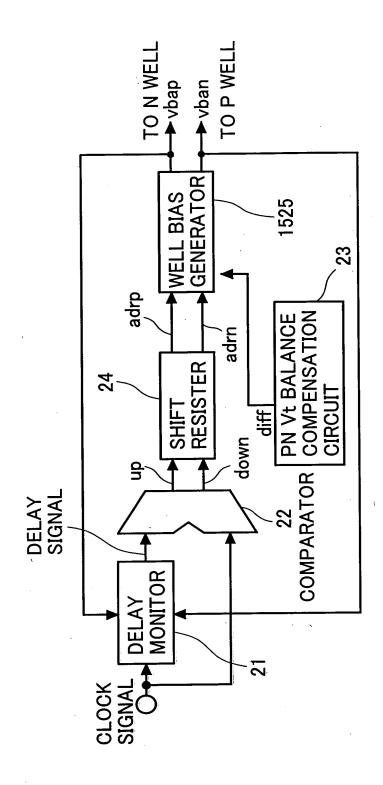


FIG.16

diff	adrp	adrn
	9	9
-3	8	9
	7	9
	6	8
	5	7
	4	6
	3	5
	2	4
	1	3
	0	2
-2	9	9
	8	9
	7	8
	6	7
	5	6
	4	5
	3	4
	2	3
	1	2
	0	
-1	9	9
	8 7	8 7
	-/-	/
	<u>0</u>	5
	 3	1 3
	1 2	7
	1 3	2
	9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1 0 0 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 9 9 8 7 6 5 4 3 2 9 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2 1
	<u> </u>	<u> </u>
Ŀ.		

diff		44111
	adrp 9	8
0	8	7
	7	6
	6	5
	5	4
	4	3
	3	2
	2	1
	1	0
	0	0
1	9	7
	8	6
	7	5
	6	4.
	5	3
	4	2
	3	1
	2	0
	1	0
	0	0_
2	9	6
	8	5
	7	4
	6	3
	5_	2
	4	1_
	9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1 0 0 9 8 7 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	adrn 8 7 6 5 4 3 2 1 0 0 7 6 5 4 3 2 1 0 0 0 5 4 3 2 1 0 0 0 0 0 0 0 0 0 0 0 0
	2	0
	1	0
	0	0



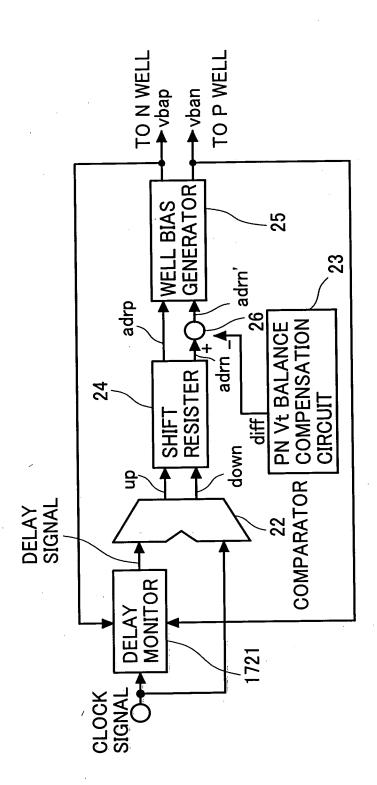


FIG.18

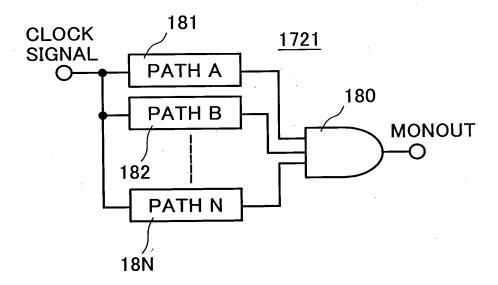


FIG.19A

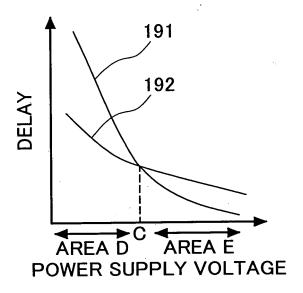


FIG.19B

